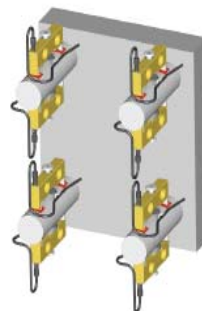


Wireless Magnet Clamping Force Control Sensor Type SML-WME

The perfect help For Maximum, Uniform Clamping Force
without overloading Toggle or Tie Bars



- Avoid tie bar broken.
- Keep mould and machine aligned
- Extend die and bushing life.
- Less mould wear and flashing.
- Repeatable setup from run to run.



With 8 sensors, the tie bar stretch in automatically measured bending compensated. This is for fastest results and direct total clamping force indication with 1% accuracy.

Feature :

- Quick and easy mounting with 2 supper magnets.
- Wireless sensor without connecting cable.
- 7 inch tablet PC display, measuring data can be save and print.
- Measuring data can be save in Excel file, also can be made graph.
- 2 sensors for bending compensated measurement.
- Fit any tie bar diameter.
- High resolution, 1% accuracy.
- Direct tonnage reading no calculation or conversion list.

Ordering Information:

- Set with 8 sensors: **SML - WME / 8**
- Set with 10 sensors: **SML - WME / 10**



All sets in aluminum carrying case with inlet, sensors and Receiver.

Technical Data:

Strain Gauges	350 ohms
Measuring Range	± 800 $\mu\epsilon$
Sensitivity of sensor (1/2 bridge compensated)	1.0 mV/V @ F.S.
Overall accuracy	± 0.5% F.S.
Repeatability	< 0.1% F.S.
Hysteresis	± 0.1% F.S.
Linearity	± 0.1% F.S.
Operating temperature range	0... + 60°C
Sensor dimension	88 x 31 x 30mm (exclude nut)
Power supply	2 AA NiMH rechargeable or Alkaline battery

SENSORMATE Technology Inc.

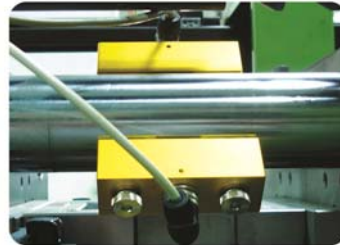
<http://www.sensormate.com.tw>
TEL: + 886 2 2999 5245

E-mail: sales@sensormate.com.tw
Fax: + 886 2 2995 0782

磁附式鎖模力感測儀 Magnet Clamping Force Control Sensor

型號 **SML-ME / 8**

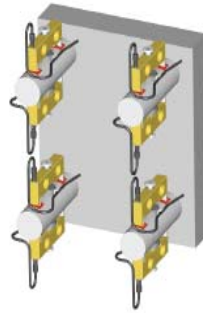
機器安裝、生產和安全裝置，確保曲臂歌林柱不再超負載
Uniform Clamping force without overloading Toggle or Tie Bars



左：2 SML-ME感測儀在歌林柱上進行彎曲補償測量。

Right: 2 SML-ME on a tie bar for bending compensated measuring.

- 避免歌林柱斷裂
Avoid tie bar broken.
- 保持模具和機器的平行度
Keep mould and machine aligned
- 延長模具和軸襯壽命
Extend die and bushing life.
- 減少模具的磨損和噴料
Less mould wear and flashing.
- 可重覆使用
Repeatable setup from run to run.



帶 8 個感測儀，對歌林柱進行彎曲補償自動測量。可以快速測試結果和直接顯示總鎖模力，1%精度。

With 8 sensors, the tie bar stretch in automatically measured bending compensated. This is for fastest results and direct total clamping force indication with 1% accuracy.

特徵：

- 用2個強力磁鐵，快速容易地安裝
Quick and easy mounting with 2 super magnets
- 2個感測儀可進行彎曲補償測量
2 sensors for bending compensated measurement.
- 適合任何歌林柱直徑
Fit any tie bar diameter.
- 高解析度精度 ± 1%精度
High resolution, 1% accuracy.
- 直接的量測值讀數，不用計算或對照表，**DM4DB** 顯示器直接顯示 $\mu\epsilon$, kN 或 ton。
Direct reading in $\mu\epsilon$, kN or ton without calculation or conversion list.



技術資料：

Technical Data:

應變片 strain gauge	350 Ω
量測範圍 Measuring range	$\pm 800 \mu\epsilon$
感測器靈敏度(1/2 電橋補償)Sensitivity	1.0 mV/V @ F.S.
量測值線性誤差 Linearity	< 0.5 %
總精度 Over all accuracy	$\pm 0.5 \%$ F.S.
重覆性 Repeatability	0.1% F.S.
遲滯現象Hysteresis	0.1% F.S.
操作環境溫度範圍 Operating temperature range	+20...+40°C
感測器尺寸 Sensor dimension	88 x 31 x 30 (不含螺帽高度)
電源供應電壓 Power supply	110...220 VAC / 50-60Hz

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